

ABSTRACT OF THE DISCLOSURE

A cutting device includes a high pressure water jet nozzle head capable of being moved in X and Y directions while being rotated. The device cuts a resin matrix portion on a surface of a composite molded article having inorganic particles and a resin with a high pressure water jet. A plurality of high pressure water jet nozzles are arranged in the nozzle head, and high pressure water jet centers of at least one or more nozzles are arranged at inclined angles with respect to directions perpendicular to a foundation layer surface of the composite molded article. Even a resin matrix surface layer on an inclined portion of an irregular surface shape or a relief pattern can be effectively cut away.